



GLAST Monthly PSR

LAT Instrument

B. Graf
Instrument Manager
- 1



Accomplishments



- *All changes associated with the re-baseline have been incorporated into the PMCS*
 - *new (full) schedule on the web*
 - *summary schedules being developed*
- *Up-dated WBS submitted to CCB*
- *FPGA Review Re-started*
 - *commitment from both sides*
 - *Initial session pending scheduling issues (next week ?)*
- *GRID MRR Successfully Completed*
 - *stress report completion and review only hang-up*
 - *OK to proceed through initial machining*
- *Successful Radiator and VCHP MRR Completed*
 - *SLAC review of final radiator drawing package pending; otherwise OK to proceed*
 - *VCHP OK to proceed up to charge (HE contamination resolution prior to charge)*
- *Received the up-dated LAT Instrument Performance Verification Plan*
 - *call me if you need a copy*



ACCOMPLISHMENTS (con't)



- ***Radiation testing of ACD ASIC, MAX 145 (ADC) and MAX 5121 (DAC):***
 - ***ASIC: Laser testing of chip at NRL pending; final analysis of all data expected to resolve; GTRC V7 due end Of January***
 - ***Converters: Laser testing of test set-up confirmed differences; analysis shows up-sets at low frequency; additional testing at Brookhaven next week.***
- ***Tracker EM status:***
 - ***inspection following vibe test anomaly complete***
 - ***focus on the tracker GRID interface design***
 - ***re-test target end of January ; thermal test being worked***
 - ***"summit" in Italy next week***
- ***ACD PMT failed in thermal vacuum test at -30 C***
 - ***investigation underway***
- ***CDE Production***
 - ***650 crystal delivered to NRL***
 - ***PDA assemblies delivered at a rate of 100 per week***
 - ***first 12 CDEs from flight build to qual testing; no production problems to report***
- ***MCM Pre-Production; first two runs completed; QA in place; process revised***



Issues/Problems

- *SCHEDULE - SCHEDULE - SCHEDULE*
 - *Re-baseline not performance*
- *Software Development*
- *Tracker EM testing*
- *Timely executing the ASIC screening and qualification program*
- *Decisions needed on :*
 - *Omnetics connectors*
 - *RAD 750 press fit connectors*
- *MCM Production – not necessarily an issue at the moment, but we need to be on top of this to prevent it becoming one.*

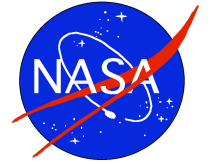


Upcoming Events

- ***January Monthly scheduled for the 28 th***
- ***Sub-Systems Managers meeting – January 20***
- ***QA Audit at SLAC on January 20***
 - ***sorry if I gave the wrong date***
- ***EM2 Flight Software Review and Demonstration – 1/29/04***
- ***Tracker Meeting 1/13- 1/14, Pisa***
- ***Mechanical TIM (tentative) January 1/20/04***
- ***March 17, 18 Lehman review dry run***
- ***Lehman Review March 30 – April 1 at SLAC***



Rolling Wave Schedule



see attached.